

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

ATTORNEY DOCKET NUMBER: HIRA.0019

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR:	Masatoshi NARAHARA, Tohio SAITO, Hiroyuki TOMITA and Hirokazu KATO
FOR:	NUCLEIC ACID ARRAYS AND METHOD FOR DETECTING NUCLEIC ACIDS BY USING NUCLEIC ACID ARRAYS

JCG72 U.S. PTO
09/942563
08/31/01

Enclosed are:

- 7 sheets of formal informal drawings.
- Transmittal of certified copy of Japanese application 2001-001761 to claim priority date of January 9, 2001.
- An Information Disclosure Statement with PTO Form 1449.
- An assignment of the invention to Hitachi, Ltd.
- A Sequence Listing with diskette.
- An Executed Declaration.
- The filing fee is calculated as shown below:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	8	-20	x\$18 =	0.00
INDEPENDENT CLAIMS	2	-3	x\$80 =	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$270 = \$0.00
				BASIC FEE \$710.00
				TOTAL OF ABOVE 710.00
REDUCTION BY ½ FOR FILING BY SMALL ENTITY (Note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				TOTAL 710.00

- Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the filing and assignment recordation fees. A duplicate copy of this paper is enclosed.
- A check in the amount of **\$750.00** to cover the filing and assignment recordation fees is enclosed.
- The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stapley P. Fisher
Registration Number 24,344

JUAN CARLOS A. MARQUEZ
Registration No. 34,072

REED SMITH HAZEL & THOMAS LLP
3110 Fairview Park Drive
Suite 1400
Falls Church, Virginia 22042
(703) 641-4200
August 31, 2001